

### REMARKS

The claims have been amended in order to more completely and accurately describe and distinctly claim the invention and to place the application in better condition for appeal. Inasmuch as no new matter is embodied by the proposed amendments, entry thereof is respectfully requested.

Referring to the rejection of the claims under 35 USC §112, the Examiner is correct in stating that, with regard to Claims 4 and 11, an additional phrase was added by the previous amendment that is redundant. The claims have been amended to eliminate this redundancy. In addition, the previous amendment inadvertently deleted from Claims 4 and 11 the limitation that the concentration of the additive through a cross-section of the composition is a gradient from a low in the interior to a high at the surfaces. The above amendment seeks to re-insert the limitation into these claims.

Respectfully,

MILES & STOCKBRIDGE P.C.

By: 

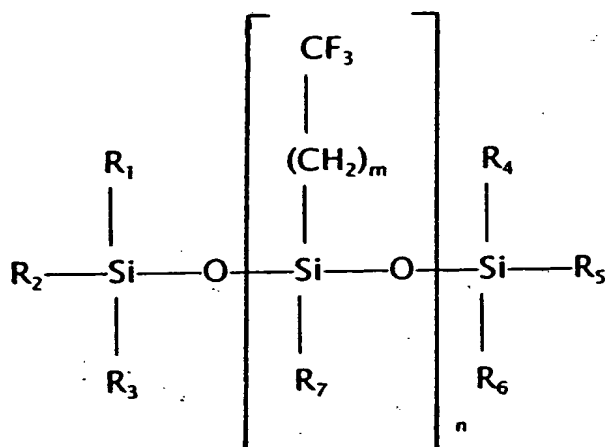
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Version With Markings to Show Changes Made

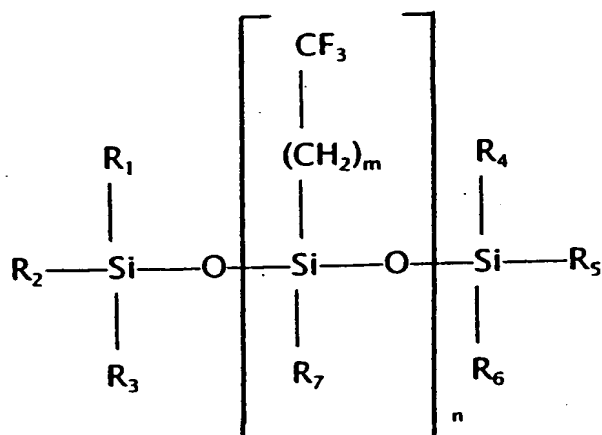
1           4. (Twice Amended) A method of forming a composition of matter  
 2           comprising a cross-linked thermoset resin and from about 0.01 to 5%, by weight of an  
 3           additive comprising a polyfluoroalkylsiloxane, said additive having a lower surface  
 4           energy than that of said resin; said method comprising intimately admixing with a  
 5           cross-linkable thermosetting resin providing composition (I) a  
 6           polyfluoroalkylsiloxane having the formula:



7           wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$  and  $R_7$  may be the same or different and may be  
 8           alkyl, cycloalkyl or aryl;  $R_7$  may also be  $-(CH_2)_m-CF_3$ ;  $m$  is an integer from 0 to 20,  
 9           and  $n$  is an integer from 1 to 5,000;  
 10          a silanol terminated derivative of said polyfluoroalkylsiloxane or a copolymer  
 11          of said polyfluoroalkylsiloxane or a copolymer of said poly-fluoroalkylsiloxane with  
 12          an alkyl, aryl or alkyl-aryl-siloxane;  
 13          [a copolymer of said polyfluoroalkylsiloxane with an alkyl, and aryl or alkyl-

14 aryl-siloxane, or a silanol terminated derivative of said polyfluoro-alkylsiloxane].  
 15 followed by subjecting said mixture to conditions which produce a cross-  
 16 linked, thermoset solid resin wherein the concentration of said additive thorough a  
 17 cross-section of said composition is lower in the interior thereof and higher at the  
 18 surfaces thereof.

1 11. (Twice Amended) A composition of matter comprising (1) a cross-linked  
 2 thermoset resin and (2) from about 0.01 to 5%, by weight, based on total weight of the  
 3 composition of a polyfluoroalkylsiloxane having the formula:



4 wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub> and R<sub>7</sub> may be the same or different and may be  
 5 alkyl, cycloalkyl or aryl; R<sub>7</sub> may also be -(CH<sub>2</sub>)-mCF<sub>3</sub>; m is an integer from 0 to 20,  
 6 and n is an integer from 1 to 5,000;

7 a silanol terminated derivative of said polyfluoroalkylsiloxane or a copolymer  
 8 of said polyfluoroalkylsiloxane or a copolymer of said polyfluoro-alkylsiloxane with  
 9 an alkyl, aryl or alkyl-aryl-siloxane;

10 [a copolymer of said polyfluoroalkylsiloxane with an alkyl, aryl or alkyl-  
 11 arylsiloxane, or a silanol terminated derivative of said polyfluoro-alkylsiloxane].

12           wherein the concentration of said polyfluoroalkylsiloxane through a cross-  
13           section of said composition is lower in the interior thereof and higher at the surfaces  
14           thereof.